

Title (en)
METHOD AND DEVICE FOR RELAY TRANSMISSION

Title (de)
VERFAHREN UND VORRICHTUNG FÜR RELAISÜBERTRAGUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE TRANSMISSION DE RELAIS

Publication
EP 3735039 A1 20201104 (EN)

Application
EP 19753980 A 20190201

Priority
• CN 201810151442 A 20180214
• CN 2019074337 W 20190201

Abstract (en)
Embodiments of this application provide a relay transmission method, where a first node is a parent node of the second node. The method includes: receiving, by the second node, a request message from the first node, where the request message is used to request the second node to become a parent node of the first node; and sending, by the second node, indication information to the first node, where the indication information is used to indicate that a downlink beam sent from the second node to the first node after the second node becomes the parent node is the same as or similar to an uplink beam sent from the second node to the first node when the first node is the parent node. The indication information may be carried in a response message for the request message. The first node may learn of, through the indication information, information about a transmit beam used by the second node after switching. Therefore, an additional beam search or beam training is not required in a switching process.

IPC 8 full level
H04W 40/24 (2009.01)

CPC (source: CN EP US)
H04B 7/15507 (2013.01 - EP); **H04B 7/2125** (2013.01 - EP); **H04L 5/0023** (2013.01 - EP); **H04L 5/0035** (2013.01 - EP);
H04L 5/0048 (2013.01 - CN); **H04L 5/0094** (2013.01 - CN); **H04W 56/001** (2013.01 - US); **H04W 56/0015** (2013.01 - EP);
H04W 56/0045 (2013.01 - CN EP); **H04W 56/0055** (2013.01 - CN); **H04W 72/046** (2013.01 - CN US); **H04W 72/23** (2023.01 - CN);
H04W 72/27 (2023.01 - US); **H04B 7/0619** (2013.01 - EP); **H04B 7/0695** (2013.01 - EP); **H04B 7/088** (2013.01 - EP); **H04L 5/005** (2013.01 - EP);
H04L 5/0051 (2013.01 - EP); **H04L 5/0091** (2013.01 - EP); **H04W 84/047** (2013.01 - EP US); **H04W 84/20** (2013.01 - US);
H04W 88/08 (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3735039 A1 20201104; **EP 3735039 A4 20210310**; CN 110167131 A 20190823; CN 110167131 B 20201117; US 11265871 B2 20220301;
US 2020374871 A1 20201126; WO 2019157980 A1 20190822

DOCDB simple family (application)
EP 19753980 A 20190201; CN 201810151442 A 20180214; CN 2019074337 W 20190201; US 202016992134 A 20200813